

## 2020 CERTIFICATION

Consumer Confidence Report (CCR)

City of New Albany		
730006	Public Water System Name	
List PWS ID #s for al	Community Water Systems included in this CCR	
The Federal Safe Drinking Water Act (SDWA) requires a Confidence Report (CCR) to its customers each year. Dep the customers, published in a newspaper of local circular procedures when distributing the CCR.	each Community Public Water System (PWS) to opending on the population socied by the DWS, this	
CCR DISTRI	BUTION (Check all boxes that apply.)	
INDIRECT DELIVERY METHODS (Altach copy of put	blication, water bill or other)	DATE ISSUED
☐ Advertisement in local paper (Attach copy of adverti	isement)	
□ On water bills (Attach copy of bill)		
□ Email message (Email the message to the address	below)	
□ Other		
DIRECT DELIVERY METHOD (Attach copy of publica	tion, water bill or other)	DATE ISSUED
□ Distributed via U. S. Postal Mail		
□ Distributed via E-Mail as a URL (Provide Direct URL).		
Distributed via E-Mail as an attachment		
□ Distributed via E-Mail as text within the body of email	message	
Published in local newspaper (attach copy of published)	ed CCR or proof of publication)	6/23/21
Posted in public places (attach list of locations)		0.20,21
X Posted online at the following address (Provide Direct UF	RL). https://msrwa.org/2020ccr/NewAlbany.pdf	06/18/21
hereby certify that the CCR has been distributed to the above and that I used distribution methods allowed by the correct and is consistent with the water quality more vater Supply.	CERTIFICATION  ne customers of this public water system in the	s included in Alia COD to A
Name Bill Mattox	Title	Date
SUBMISSION OF	PTIONS (Select one method ONLY)	2410
You must email, fax (not preferred), or	r mail a copy of the CCR and Certification to	the MSDH.
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply	Email: water.reports@msdh.ms.gov	1
P.O. Box 1700	Fax: (601) 576-7800 (1	NOT DREEDRED

Jackson, MS 39215

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## 2020 Annual Drinking Water Quality Report City of New Albany PWS#:730006 June 2021

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies. Our water source is from wells drawing from the Eutaw-McShan & Ripley Aquifers.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the city have received lower rankings in terms of susceptibility to contamination.

If you have any questions about this report or concerning your water utility, please contact Scotty Smith at work 662.534.1041 or cell 662.316.5748. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at our regularly scheduled meetings. They are held on the first Tuesday of each month at 6:00 PM at the New Albany City Hall located at 101 West Bankhead, New Albany, MS 38652.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup>, 2020. In cases where monitoring wasn't required in 2020, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water, MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

Picocuries per liter (pCi/L) - picocuries per liter is a measure of the radioactivity in water.

			-	TEST RESUL	TS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Radioactive	e Conta	minants						
6. Radium 226 Radium 228	N	2019*	.48 .56	No Range	pCi/L	0	5	Erosion of natural deposits

8. Arsenic	N	2020	3	1.7 – 3		ppb		n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2020	.1353	.1009135	3	ppm		2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2020	2.5	1.5 – 2.5		ppb	1	00	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2017/19	* .5	0		ppm		1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2020	174	.157 – .174		ppm		4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2017/19	* 3	0		ppb		0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2020	3.1	3 – 3.1		ppb		50	50	Discharge from petroleum and metal refineries; erosion of natura deposits; discharge from mines
Sodium	N	2019*	12000	0 61000 - 1200	61000 - 120000			0	0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfectio	n By-	Product	S							
81. HAA5	N	2020	7	No Range	ppb		0			By-Product of drinking water disinfection.
32. TTHM Total rihalomethanes]	N	2016*	12.5	No Range	ppb		0			By-product of drinking water chlorination.
Chlorine	N	2020	1.2	.63 – 1.8	mg/l		0	MRDL = 4		Water additive used to control microbes

<sup>\*</sup> Most recent sample. No sample required for 2020.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1.800.426.4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The City of New Albany works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

Quality Report 8 0730026

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## BLTS

	Unit Measure -ment	MCLG	MCL	Likely Source of Contorvirulion					
1	Diparti	2		2 Distriction of driving worses, discharge from motal references, experien of natural deposes					
	ppb	100	10						
	ppm .	1.3	AL=1.	Correction of household plants systems, ercovaried natural deposits, leasuring from sood proefrystors					
1	opm			Eroskori of natural deposits; weld additive which promotes phone teeth; decrease sitem ferfaller and shuminum factories					
	opto	0	AL+15	Corroelen of household pluntsing systems, erosion of natural deposits					
1	Ap-B	0	0	Road Self, Water Treatment Chemicals, Water Softeners and Sewage Effluents					
13	pio de	700	700	refrieries					
2	pin	10	10	Discharge from patroleum factories discharge from chamical factories					
	0		60 By	Product of chicking water					
	0	MORE		disinfection Water additive used to control					

in a monthly basis. Results of regular monsoring are an indicator of whether storns complete all monitoring requirements, MSDH now notices systems of

speciety for pregnent women and young children. Lead in demang weiter and home planning. Our water association is responsible for providing high realing convergences. When your water his been salting for several hours, you seconds to 2 minutes before using water for dealing or cooking. If you are set information on lead in densiting vision, sealing methods, and along you can so or at hop, however specific predictionations for The Mississippi State Department (76, 7562 II you wish to have your water tested.

culances that are materally occurring or man made. These existances can be arriving water including bottled water, may resource by the expected to contain funds does not necessarily indicate that the under power is need in all other parts of problem in the center by calling the Environmental Protection Agency's Safe Drinking Water

then the glaneral population. Immuno-compromised persons even as persons in transplants, people with HIV/AIDS or other immune system disease people should seek advise about devining water from their health as of infection by cryptospondium, and other microbiological contaminant

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We routinely months for contaminates in your drinking water according to Federal and State twice. This state below talls all of the drinking water accritativismis that were delected during the pend of January \$" to December \$1" (2020). In cases where incretoring water's recording to be latter reflects the most receiver several pending of the contaminates and the several recording to the several processes and performing to the result of or entire contaminates, including according to the several recording to the sever

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Procuries per file: (pCst.) - procuries per iter is a measure of the redioactivity in w

Contaminant	Violat Y/h		Date	Lirvel Detecte	e .	nge of Detects of of Samples Exceeding	Measure -mart	MCLG	MC	Likely Source of Contamination
Radioact	ive Con	tam	nant		1 M	CLACLIMROL	1		1	
fl Radium 226 Radium 228	1/43		10"	48 56	No	Range	pCVL.	0	1	5 Exterior of netural deposits
Inorganie	Conta	nins	nts						-	
II. Areanic	N	20	2020 3		1.7-5		ppb	n/a	-	Frosion of natural deposits, runs
10 Barium	N	202	70	1353	100	9 - 1353	pom	- 1		and electronics production waste.  2. Discharge of drilling weater.
19 Chromien	- N				12					discharge from metal refinence, prosion of natural deposits
14 Cottoer	N	202		2.6	16-25		ppb	100 100 Disets		Directurge from steel and pute mile; erosion of natural deposits
			7/19"	•	0		ppm	12	AL=1	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood
io Fluoride	N	202		174	.167	174	ppm			additive which promotes strong teath, discharge from fertilizer an
7 Lond	N	201	Wa.		0		ppb	0	AL=16	avalence eronion of net well
1 Selenium	N	2020		3.1	3-3		ppb	60	90	metal refractes; eresion of nature
odum	N	2019		120000	81000	+ 120000	ppb	0	0	deposits, discharge from mines Road Sah, Water Treatment Chemicals, Water Softeners and Sowage Efficients
Disinfectio	n By-Pr	odu	cts				THE AVE		244	EUROS III
1. HAAS.		020	17	No	Range	ppb	1 0		00   8	By-Product of prinking water
t TTHM one hatemethenes	N Z	216*	12.5	S No	Renge	pph	0		80 E	deinfection.  Syspeoduct of drinking water thornation.
lorine	N 2	020	1.2	.83	- 1.6 mg/l		0	MRDL		Valer additive used to control

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